

## ABSTRACT OF THE DISCLOSURE

AN APPARATUS FOR VOICE-ACTIVATED CONTROL OF AN ELECTRICAL DEVICE COMPRISES A RECEIVING ARRANGEMENT FOR RECEIVING AUDIO DATA GENERATED BY USER. A VOICE RECOGNITION ARRANGEMENT IS PROVIDED FOR DETERMINING WHETHER THE RECEIVED AUDIO DATA IS A COMMAND WORD FOR CONTROLLING THE ELECTRICAL DEVICE. THE VOICE RECOGNITION ARRANGEMENT INCLUDES A MICROPROCESSOR FOR COMPARING THE RECEIVED AUDIO DATA WITH VOICE RECOGNITION DATA PREVIOUSLY STORED IN THE VOICE RECOGNITION ARRANGEMENT. THE VOICE RECOGNITION ARRANGEMENT GENERATES AT LEAST ONE CONTROL SIGNAL BASED ON THE COMPARISON WHEN THE COMPARISON REACHES A PREDETERMINED THRESHOLD VALUE. A POWER CONTROL CONTROLS POWER DELIVERED TO THE ELECTRICAL DEVICE. THE POWER CONTROL IS RESPONSIVE TO AT LEAST ONE CONTROL SIGNAL GENERATED BY THE VOICE RECOGNITION ARRANGEMENT FOR OPERATING THE ELECTRICAL DEVICE IN RESPONSE TO THE AT LEAST ONE AUDIO COMMAND GENERATED BY THE USER. AN ARRANGEMENT FOR ADJUSTING THE PREDETERMINED THRESHOLD VALUE IS PROVIDED TO CAUSE A CONTROL SIGNAL TO BE GENERATED BY THE VOICE RECOGNITION ARRANGEMENT WHEN THE AUDIO DATA GENERATED BY THE USER VARIES FROM THE PREVIOUSLY STORED VOICE RECOGNITION DATA.

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